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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number 09/944,472 |
| | | Filing Date August 30, 2001 |
| | | First Named Inventor James J. Howarth |
| | | Group Art Unit 2815 |
| | | Examiner Name S. Clark |
| | | Attorney Docket Number 2269-4348US (MUEI-0547.00/US) |

ENCLOSURES (check all that apply)

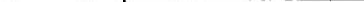
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| <div style="border: 1px solid black; padding: 2px; display: inline-block;">Remarks</div> | | |
| <p>The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.</p> | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | |
|-------------------------|---|-------------------------|
| Firm or Individual name | Bradley B. Jensen | Registration No. 46,801 |
| Signature |  | |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James J. Howarth

Serial No.: 09/944,472

Filed: August 30, 2001

For: METHOD OF BALL GRID ARRAY
(BGA) ALIGNMENT, METHOD OF
TESTING, ALIGNMENT APPARATUS AND
SEMICONDUCTOR DEVICE ASSEMBLY

Confirmation No.: 1559

Examiner: S. Clark

Group Art Unit: 2815

Attorney Docket No.: 4348US
(MUEI-0547.00/US)

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1.8(a)(1)(ii)

Deidra Pfeil
Typed/printed name of person whose signature is
contained above

RESPONSE TO RESTRICTION REQUIREMENT

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This communication is in response to the Restriction Requirement of September 19, 2002, having an initial period of response expiring on October 19, 2002.